

CLAIMS

I claim:

1. A tool for starting a fastener, the tool comprising:
 - a) a shaft having a bore; and
 - b) a tacky substance in the bore to hold the fastener in the bore until the fastener is started in a desired location.
2. The tool according to claim 1 wherein the shaft further comprises a distal end and a proximal end, and the bore extends from the distal end into the shaft
3. The tool according to claim 2 wherein the end of bore in the shaft is substantially flat.
4. The tool according to claim 2 wherein the shaft is comprised of metal.
5. The tool according to claim 2 wherein the shaft is substantially cylindrical.
6. The tool according to claim 2 wherein the fastener is a roll pin.
7. The tool according to claim 2 wherein the bore axial bore and of substantially circular cross-section.
8. The tool according to claim 2 wherein the proximal end of the shaft is substantially flat.
9. The tool according to claim 2 wherein the tacky substance is an adhesive.
10. The tool according to claim 2 wherein the tacky substance is grease.
11. The tool according to claim 10 wherein the grease is wheel bearing grease.
12. The tool according to claim 2 wherein the shaft is comprised of a first portion that extends from the distal end to a second portion that extends from the end of the first portion to the proximal end of the shaft.

13. The tool according to claim 12 wherein the first portion has a smaller diameter than the second portion of the shaft.
14. A roll pin punch tool for starting a roll pin, the tool comprising:
 - a) a metal shaft having a distal end and a proximal end, the shaft divided into a first portion that extends from the distal end to a second portion that extends from the end of the first portion to the proximal end of the shaft, the first portion having a smaller diameter than the second portion;
 - b) an axial bore of substantially circular cross-section that is slightly larger than the diameter of the roll pin, the bore extending from the distal end into the first portion and terminating in a flat end;
 - c) the second portion having knurls and being substantially flat at the proximal end to receive blows to start the pin in a desired aperture; and
 - d) wheel bearing grease in the axial bore to hold the roll pin in the bore until the roll pin is started tightly in the desired aperture, at which point the friction of the roll pin in the desired aperture is greater than the friction of the roll pin in the greased bore and the pin remains started after the tool is removed.
15. The tool according to claim 14 wherein the shaft is substantially cylindrical.
16. A method for starting a fastener, the method comprising:
 - a) using a shaft having a bore;
 - b) placing an amount of a tacky substance on an end of the fastener;
 - c) inserting the end of the fastener with the amount of tacky substance into the bore;
 - d) starting inserted fastener into a desired location; and
 - e) removing the tool from the fastener.

17. The tool according to claim 2 wherein the end of bore in the shaft is substantially flat..
18. The method according to claim 16 wherein the shaft is comprised of metal.
19. The method according to claim 16 wherein the fastener is a roll pin.
20. The method according to claim 16 wherein the tacky substance is grease.
21. The method according to claim 20 wherein the grease is wheel bearing grease.
22. A method for making a tool to start a fastener, the method comprising:
 - a) machining a shaft having a distal end and a proximal end, and having a first portion that extends from the distal end of the first portion to a second portion that extends from the end of the first portion to the proximal end of the shaft;
 - b) machining an axial bore of substantially circular cross-section into the distal end of the shaft, the bore terminating in a flat end in the shaft;
 - c) machining knurls on the second portion of the shaft; and
 - d) coating the bore with a tacky substance to receive a fastener.
23. The method of claim 22 wherein the bore is coated with a tacky substance upon insertion into the bore of a fastener coated with tacky substance.
24. The method of claim 22 wherein:
 - a) the metal shaft is about 5 and 9/16 inches in length;
 - b) the first portion is about 2 and 7/16 inches in length and extends from the distal end of the first portion to a second portion of about 3 and 1/8 inches in length;
 - c) the first portion of the shaft has a diameter of about 3/16 inches and the second portion of the shaft has a diameter of about 5/8 inches;

- d) the bore has a substantially circular cross-section of about $7/32$ inches in diameter and is about $1/4$ inches in length; and
- e) the tacky substance is grease.